

Frontiers of Science Foundation Aids Reactor Program at OSU

Black Dispatch Oklahoma City, Okla. Fri. 9-6-57

Establishment of a graduate program in nuclear engineering at the Oklahoma Institute of Technology at Oklahoma State university received a boost from the Frontiers of Science Foundation of Oklahoma, Friday.

A grant of 914 to finance travel expense of a faculty member to visit various installations and universities throughout the nation which have similar programs was announced by James E. Webb, foundation president, and Dr. James G. Harlow, executive director.

Dr. M. R. Lohmann, dean of the Institute, in accepting the grant, said that Dr. John B. West of the school of chemical engineering, will visit during the next several weeks Oak Ridge National Laboratory, University of Tennessee, North Carolina State, Virginia Polytechnic Institute, Pennsylvania State university, New York university, Massachusetts Institute of Technology, Rensselaer Polytechnic Institute, Michigan university, Purdue university, and Argonne National Laboratories.

At the present time an Aerojet-General Nucleonics 201 Training Reactor is being installed at the Stillwater Institute as part of a 145,000 grant from the Atomic Energy Commission to enable the school to obtain necessary training aids to set up a curriculum in nuclear engineering. This will be the first reactor installation in the state.

Dean Lohman said that a great deal of benefit will be derived from Dr. West's visits, for he will learn what problems other institutions have faced and how these problems have been overcome as well as how the nuclear engineering program fits into the overall teaching and research program of the various institutions.

The Frontiers of Science Foundation, established in 1955, is a state-wide organization of business, professional, civic, educational and governmental leaders.

Its three major objectives, which have received wide international

attention, are science information, science education and science installations. The Foundation, as part of Oklahoma's Semi-Centennial Exposition, sponsored the International Symposium on Science, Industry and Education on June 17, which featured ten of the world's great science administrators, and the Frontiers of Science Building at the exposition.

Meharry Scientist To Do Rockefeller Inst. Research

Defender Sat. 8-10-57 Chicago, Ill.

NASHVILLE, Tenn. — Meharry Medical college has announced that the acting chairman of its Department of Microbiology, Dr. Charles W. Johnson, has been granted a leave of absence to accept the position of visiting investigator in Allergic Immunology at the Rockefeller Institute for Medical Research.

Dr. Johnson will be assigned to the laboratory of Dr. Merrill W. Chase, associate member of Rockefeller Institute; and his program as Visiting Investigator will be

Dr. Johnson's previous research interests have been in mechanism of bacterial staining reactions, distribution of isotopic silver and antibiotics.

He resides in Nashville, is married, and is the father of three sons.



DR. CHARLES W. JOHNSON

supported by the Rockefeller Foundation, of which he is a Fellow.

The appointee received his B.S. in biology at Prairie View college (Texas); his M.S. in bacteriology at the University of Southern California; and his M.D. at Meharry Medical college.

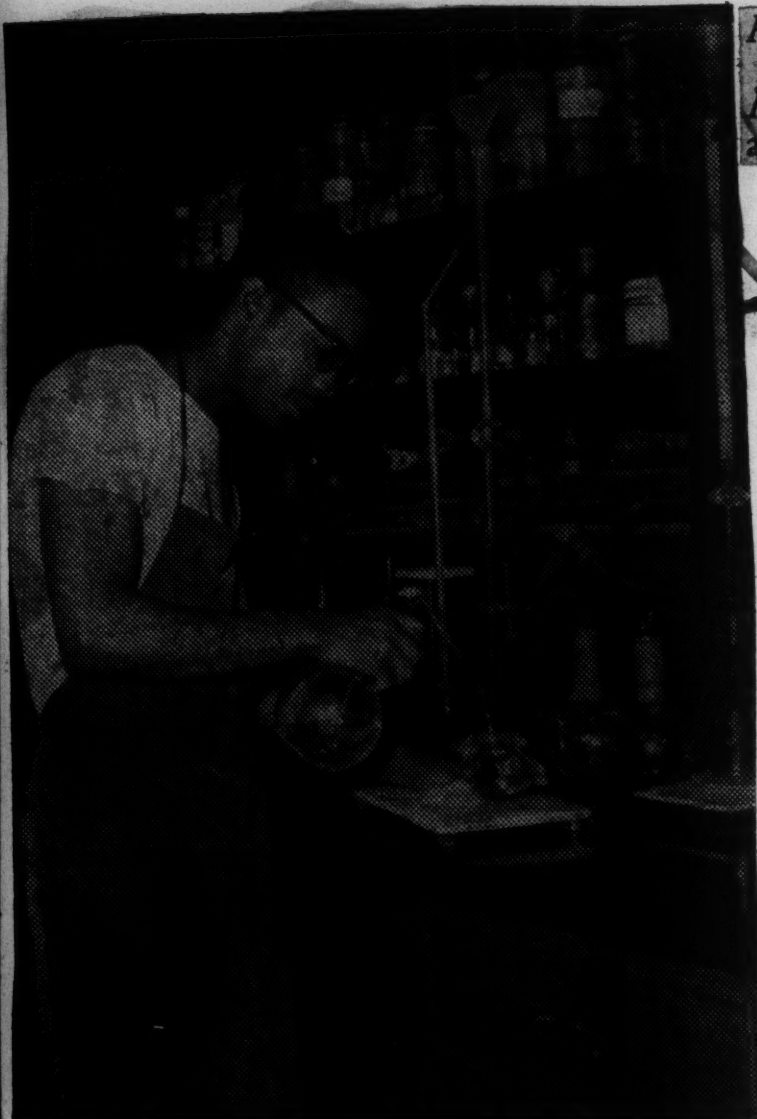
He is a member of the Society of American Bacteriologist; the American Association for the Advancement of Science; the Society of the Sigma Xi; and the Alpha Omega Alpha Honor Medical Society.



A BIG BOOST—A research project, aimed at increasing the understanding of the way in which the body uses food, now under way at A. and T. College, last week received an additional award of nearly \$10,000 to supplement an original grant of \$45,502 to be used over a five-year period. The project,

sponsored by the National Institute of Health, U. S. Department of Health, Education and Welfare, is being conducted by Dr. Cecile Hoover Edwards, top center. Assisting her in the work are, from left to right: Dr. Gerald H. Edwards, staff scientist; Evelyn Gadsden, research assistant, and Mary Lester, Woodsdale, laboratory assistant.

America. *Hamilton, Ohio*
 Mr. Lester resides at 170 N. Champion
 Avenue with his wife, the former Lois Bowen,
 and one daughter, Cynthia Denise.



Appointed Chemist By O'Neill
Butler County American

Robert L. Lester of Columbus, has recently been appointed to the position of chemist in the testing laboratory of the State Highway Department by Governor C. William O'Neill. Mr. Lester graduated from Columbus East High School with the June Class of 1950. He attended Capital University and Ohio State University where he pursued a pre-medical course with a major in chemistry. *6-22-57*

Mr. Lester is very active in the Republican Party and is a member of many religious and civic organizations in this city. He is an active member of the Ephesus Seventh-Day Adventist Church and is now serving as superintendent of the Sabbath School, an active member of the Spring Street YMCA, an active member of the YWCA's Young Adults Dance Council, and an active supporter of the Boy Scouts of

RESEARCH SCIENTIST SUGGESTS DIET CHANGES

NEW YORK, (INS) — A leading research scientist has cited four things "wrong with the American diet" and suggested four changes.

In the June issue of Town and Country Magazine, Dr. Jeremiah Stamler, an American Heart Association investigator, said recent findings indicated that "the habitual diet is a decisive factor responsible" for increased heart disease.

Here's what is wrong with our diets, Dr. Stamler said: "Many Americans eat too much: we eat too much fat, particularly of the saturated variety; we eat too many carbohydrates, fats and starches, 'empty calorie' foods that are high in calories and low in nutrients and bulk.

"And our diets are unbalanced," with too many calories in proportion to nutrients.

Dr. Stamler suggested these changes:

--Stop adding fats to so many foods by frying meats, dressing salads with mayonnaise and putting butter on vegetables

--Serve fruit for dessert

--"Modify breakfast habits" Eat fruit and whole-grain cereals and breads instead of the traditional bacon and eggs, which has "a huge caloric intake of saturated fat" At other meals, eat lean meats; don't fry them or add heavy sauces or gravies

**Gets \$9,800
For Research**

LITTLE ROCK, Ark. — The National Science Foundation has made a \$9,800 grant to Philander Smith college for a Research Project in the Department of Mathematics, according to Dr. M. LaFayette Harris, president of the college.

The project will be carried on by Dr. Lee Lorch, head of the Department of Mathematics, in support of research entitled "Singular Integrals and Lebesgue Constants" in higher mathematics.

The research will get under way immediately, with one aspect of the work being carried on during the summer at Leland Stanford university where Dr. Lorch has spent the past several summers

engaged in research.

**Auburn Gets
\$6,680 for
Study Grants**

AUBURN, Ala., June 17—Six

grants totaling \$6,680 have been made by private industry to the Auburn Agricultural Experiment Station, for insect control studies, Dr. Ralph B. Draughon, API president, announced.

Three of the grants are new. All are for one-year studies.

Hercules Powder Co., Wilmington, Del., made a gift of \$1,680 to be used in investigation of the uses and limitations of toxaphene and AC528, a phosphate insecticide, in control of cotton insects and other pests. The appropriation is a renewal of a previous grant.

Chemagro Corp., New York City, made a grant of \$1,000 for the study of the use of Dipterox, Guthion and other products in control of vegetable insects.

A grant of \$1,000 was made by Shell Chemical Corp., New York City, for investigation of factors in the development of resistance of insects to dieldrin and other products. This project got under way with a grant from the Shell firm four years ago.

Veliscol Corp., Chicago, Ill., made \$1,000 available for the fourth year for study of the effects of heptachlor, endrin and other insecticides on economic pests.

A grant of \$1,000 was made by American Smelting and Refining Co., South Plainfield, N.J., for study of new forms of calcium arsenate in control of boll weevils and other cotton insects.

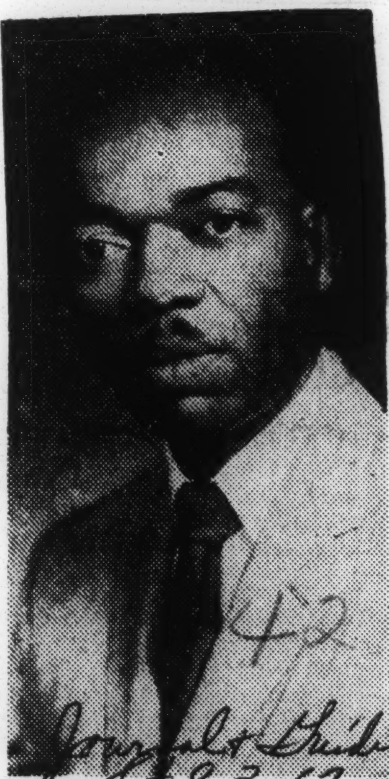
American Cyanamid Co., New York City, made \$1,000 available for studies of malathion and mixtures of malathion with chlorinated hydrocarbons and calcium arsenate in controlling cotton in-

sects.

GETS RESEARCH GRANT

TUSKEGEE, Ala.—Dr. Walter O. Bowie, associate professor and head, department of physiology and pharmacology in the Tuskegee Institute School of Veterinary Medicine, has been awarded two research grants totaling \$3,300.

Assigned to assist Dr. Bowie who will serve as principal investigator will be Charles T. Ross, research associate, and the senior student Othello Curry, research assistant.



Dr. Charles W. Johnson, acting chairman of the department of microbiology at Meharry Medical College, Nashville, Tenn., has been granted a leave of absence to accept the position of visiting investigator in allergic immunology at the Rockefeller Institute for Medical Research. He will be assigned to the laboratory of Dr. Merrill W. Chase, associate member of the Rockefeller Institute, and his work will be supported by the Rockefeller Foundation of which he is a fellow.

Dr. Charles W. Johnson, acting chairman of the department of microbiology at Meharry Medical College, Nashville, Tenn., has been granted a leave of absence to accept the position of visiting investigator in allergic immunology at the Rockefeller Institute for Medical Research. He will be assigned to the laboratory of Dr. Merrill W. Chase, associate member of the Rockefeller Institute, and his work will be supported by the Rockefeller Foundation of which he is a fellow.

Learned Societies Leaving

**Scholars Will Shift
Offices to New York**

Washington, D.C.

One national research organization will close its Washington office and another scholarly group is moving its headquarters from Washington to New York, it was announced yesterday.

The Social Science Research Council will close its Washington office, at 726 Jackson pl. nw., next Friday. The building is to be razed for a Government office building. Five persons in the office will be transferred to the Council's New York headquarters.

The American Council of Learned Societies will transfer its headquarters to New York later in the month. The Washington office, at 2101 R st. nw., will remain in operation. Only two employees will be transferred to New York, leaving a staff here of about 10.

Elbridge Sibley, executive associate of the Social Science Research Council, said the Council for years has considered closing its office here. He explained that it was set up temporarily during the 1930s and for various reasons remained here.

Frederick Burkhardt, new president of the Council of Learned Societies, said the Council's board of directors has "long felt that we should strengthen our relationships with important organizations in New York interested in national and international problems and the humanities."

J. F. Wellemeier, director of the Washington office, said the Council has felt it needed the day to day contacts with the headquarters of several organizations in New York.

These include the Social Science Research Council, the Modern Language Association, the American Sociological Society, United Nations agencies and private foundations.

The Social Science Council devotes a large part of its budget to fellowships and grants in aid to scholars. The Council of Learned Societies promotes research, disseminates

the results of the research and promotes studies of little known languages and areas.

Teacher Attends Science Institute

PINE BLUFF, Ark.

One of the 100 science teachers attending the 12-week Summer Science institute sponsored by the National Science Foundation at the University of Arkansas is Mrs. Dorothy R. Burkett teacher at Merrill jr. high school.

Mrs. Burkett along with other science teachers from 17 States, is receiving additional training in the basic science, including Biology, Chemistry Physics, and Mathematics, according to Dr. L. F. Bailey, University of Arkansas botanist and director of the institute.

In recognition of interest and success in teaching, Mrs. Burkett was selected from nearly 400 applicants to receive the training which carries a stipend from the National Science Foundation. The purpose of the institute is to assist teachers in providing subject matter necessary for effective and stimulating instruction, and to give insight into recent advances in science.

Outstanding, nationally known scientists give demonstrations, lectures, and lead discussion groups. Field trips, laboratory studies, and experiments featuring the "how-to-do-it" approach are receiving emphasis in order to interest the school's youth and channel them into careers of science, mathematics, and engineering—where the present and future needs are very acute.

33 teachers of science

Afro-American Sat. 7-27-57

tour Oak Ridge Institute

Baltimore, Md.

TUSKEGEE INSTITUTE, Ala. (ANP) — Thirty-three teachers of science enrolled in two separate workshops at Tuskegee this summer made the 340-mile journey over the weekend to tour the Oak Ridge Institute of Nuclear Studies.

Headed by Dr. W. Edward Belton and accompanied by S. Spriggs, professor of chemistry, Clark College, Atlanta, the group was composed of attendants at the Summer Institute for high school teachers of chemistry sponsored jointly by the National Science Foundation and Tuskegee Institute and high school science teachers attending the International Paper Company sponsored workshop assembled at Tuskegee for the second consecutive year.

HIGHLIGHTS OF the tour included a visit through the world famous American Museum of Atomic Energy. Here the group got a comprehensive story of the development of atomic energy.

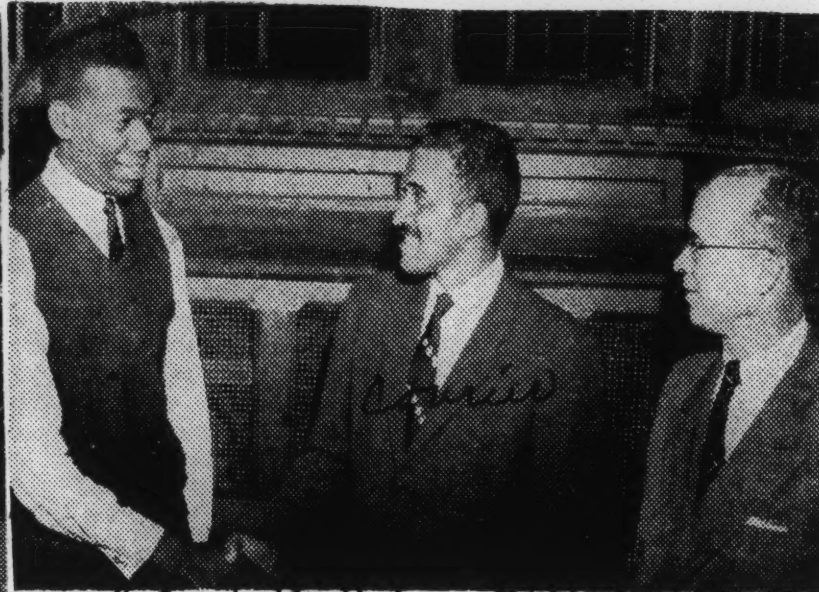
They saw the Oak Ridge National Laboratory, had lunch at the Oak Terrace and observed the four major areas of ORNL, including the swimming pool reactor, the graphite reactor, the high-voltage laboratory, and the isotopes packaging area.

Pointed out to them during the tour were other installations on the area. The Oak Ridge Area of the Atomic Energy Commission is a 60,000 acre Government-owned tract — approximately 94 square miles — in Anderson and Roane Counties, Tennessee, 20 miles from the city of Knoxville.



LOW PRESSURE BOILING — Dr. Holsom Eagleson, Professor of physics at Howard University, and visiting consultant for the Atlanta University Summer School science institute, demonstrates to students how water can boil with ice water.

He contends that pressure, rather than temperature, causes boiling. Dr. Eagleson lectured for two days through the sponsorship of the National Science Foundation. — (Perry's Photo)



Sat. 2-9-57
Future Scientist— Larkin Teasley (left) of Detroit, senior math major at Fisk University, receives congratulations upon his election as president of the Fisk chapter of Beta Kappa Chi from Dr. S. P. Massie, national president of the honorary scientific society and chairman of the chemistry department at Fisk, while Dr. T. A. Love, regional vice president and chairman of Fisk's mathematics department, looks on.—Gunter Photo.

FUTURE SCIENTIST — Larkin Teasley (left) of Detroit, senior math major at Fisk University, receives congratulations upon his election as

Dr. Lloyd A. Hall

CHICAGO (ANP) — Dr. Lloyd A. Hall, technical director of the Griffin Laboratories here, was among five outstanding chemists and chemical engineers appointed to the advisory board of the American Chemical Society.

The noted



president of the Fisk chapter of Beta Kappa Chi from Dr. S. P. Massie, national president of the honorary scientific society and chairman of the chemistry department at Fisk; chemist will serve on the 15-member board for three years. The advisory board meets several times a year to consult and advise the editors of the publications.

Dr. Hall's extensive research includes studies on meat products, oils and flavors.

He is a native of Elgin, Ill., and holds the B. S. degree and the Ph. D. degree from Northwestern University.

while Dr. T. A. Love, regional vice-president and chairman of Fisk's mathematics department, looks on.—Gunter Photo

Dr. Hall

Racial Plaintiff, 17, Gets Science Prize

*Post + Times Herald P. 23A
Fri. 5-3-57*
Clarissa Thompson, a 17-year-old whose name will go down in law books because of the Arlington School Board segregation suit, has won the top award in a state-wide science competition.

The suit is known as Clarissa Thompson et al vs. the Arlington County School Board et al, because her name led the 1st of 22 children who were plaintiffs.

The suit went to the Supreme Court where a lower court desegregation order was upheld last March.

Clarissa says she plans to major in science and then go into the field of aerodynamics. She has been offered a four-year scholarship to Virginia Union University in Richmond and a \$1400 scholarship to Hampton Institute in Hampton, Va.

The science-math fair at Hoffman-Boston featured more than 200 exhibits by students and four displays by Government agencies and commercial com-

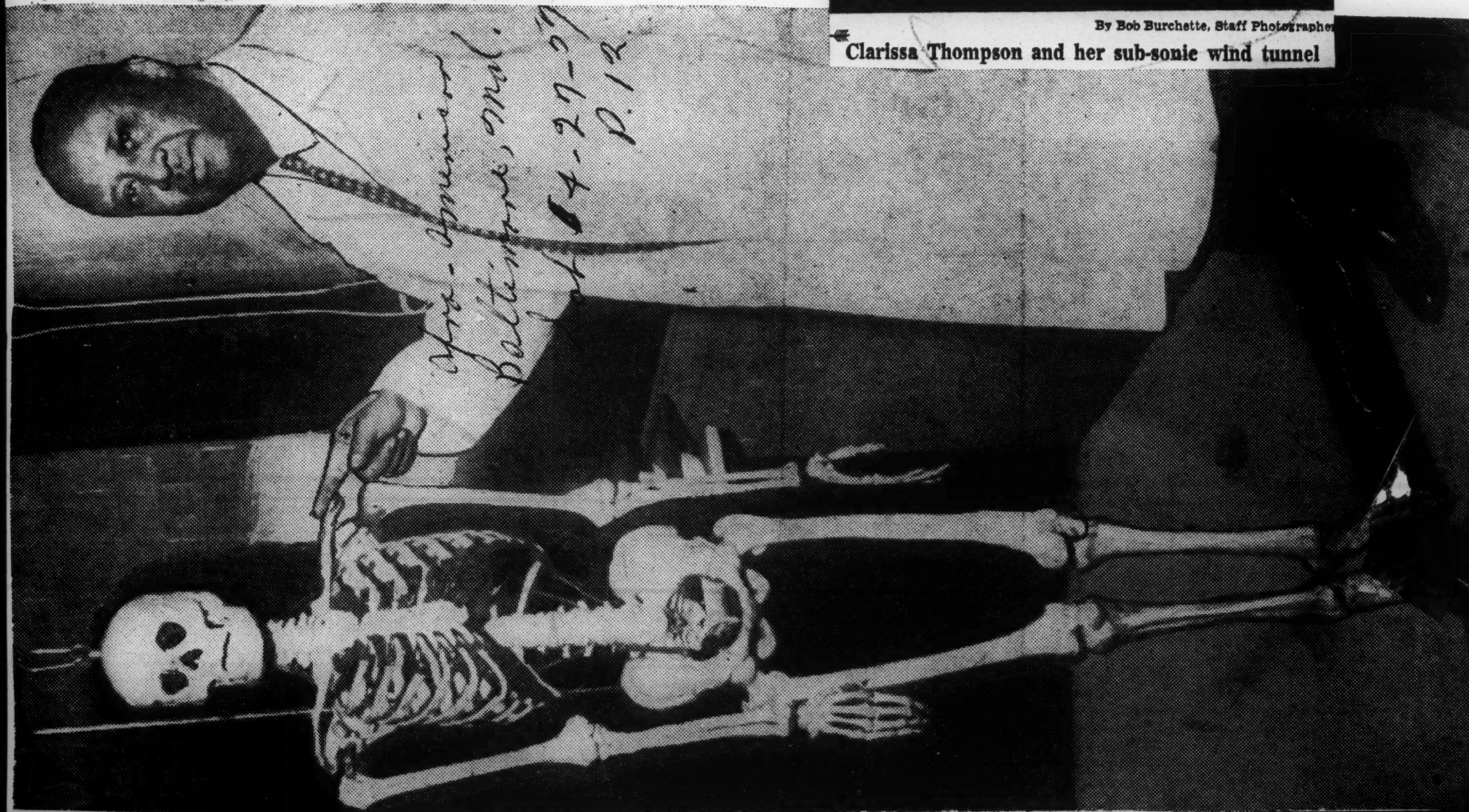
panies.

Six other Hoffman-Boston students received recognition at the fair for awards won in Richmond. They were Alvin McBeth, 17, Martina Beverly, 15, Jacqueline Milburn, 15, William Gee, 16, Wesley White, 15, and Perry Halstead, 14.



By Bob Burchette, Staff Photographer

Clarissa Thompson and her sub-sonic wind tunnel



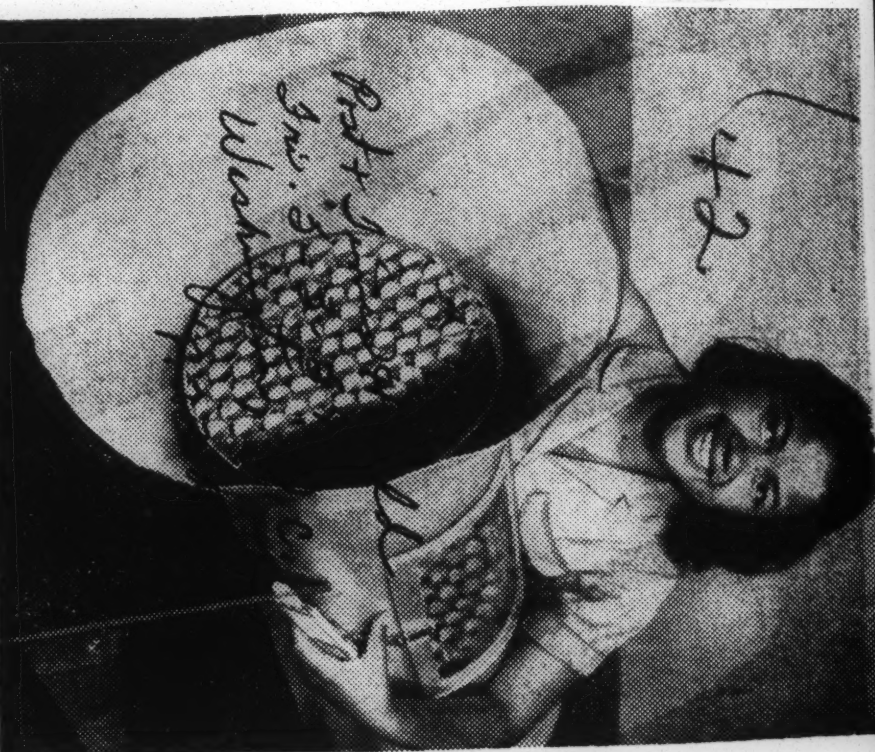
IN 1959?—Dr. Moses Wharton Young, famed Howard University scientist, stayed away from the American Association of Anatomists meeting in Baltimore this week because hotel accepts white guests only. Delegates missed his papers on "causes of bald-

ness." The group passed a resolution at its Wednesday meeting which would take the convention only to cities where hotels accept all delegates. The Memphis meeting is expected to be shifted to Seattle, Washington.

Racial Plaintiff, 17, Gets Science Prize

Post + Times Herald, p. 23c
Dec. 5-3-57
 Clarissa Thompson, a 17-year-old whose name will go down in law books because of the Arlington School Board segregation suit, has won the top prize in a statewide science award in Arlington, Va. Clarissa, a senior at Holladay High School in Arlington, took first place in the competition sponsored by the science division of the Virginia Teachers Association. Her prize-winning project, a subsonic wind tunnel, captured the award in Richmond last week and was placed on display yesterday at a science-mathematics fair at her school. Clarissa was in the news last year when attorneys for the National Association for the Advancement of Colored People filed a desegregation

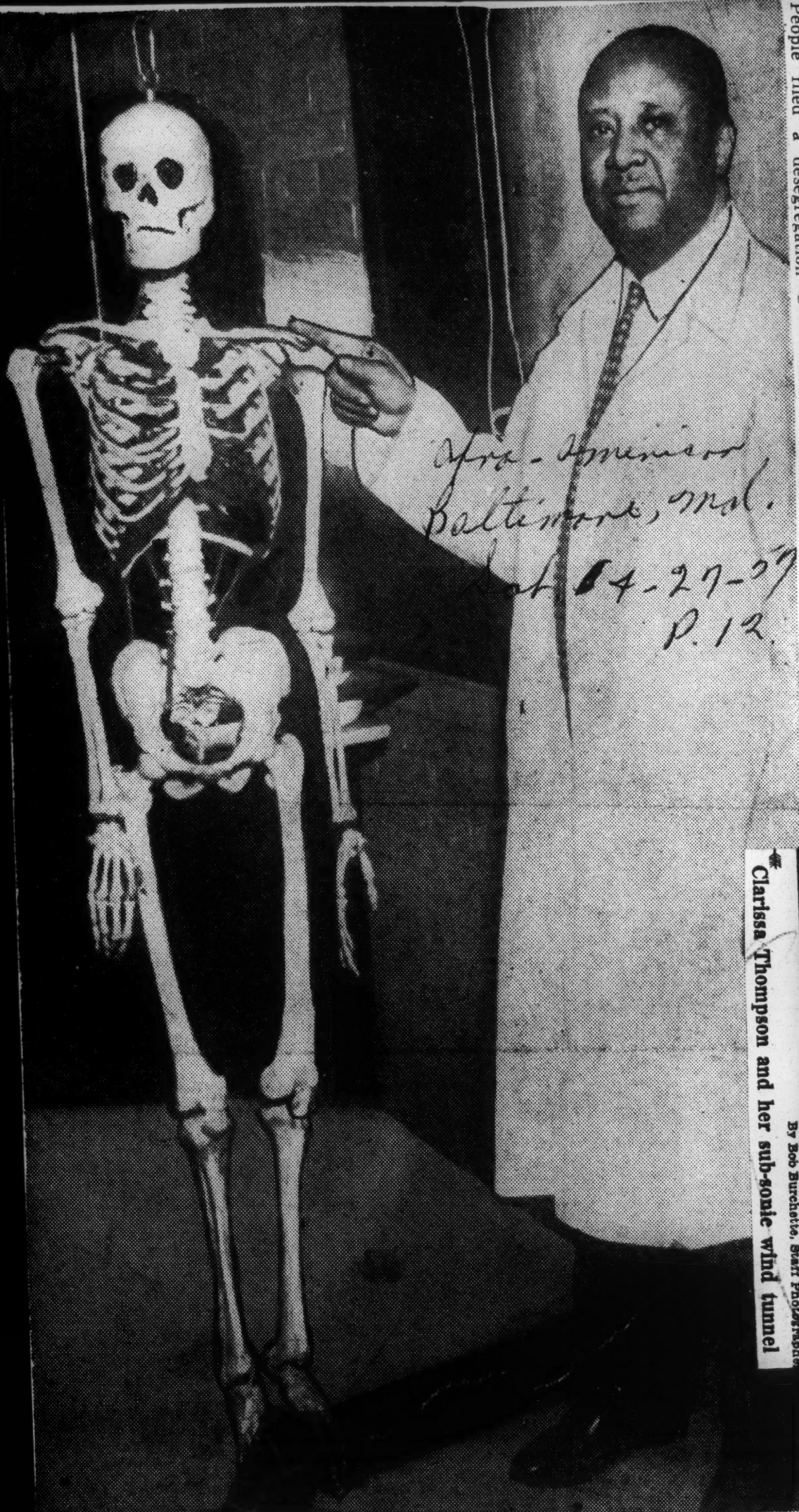
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Clarissa Thompson and her sub-sonic wind tunnel

By Bob Burchette, Staff Photographer

Afro-American
Baltimore, Md.
Oct 4-27-57
P. 12.



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ness." The group passed a resolution at its Wednesday meeting which would take the convention only to cities where hotels accept all delegates. The Memphis meeting is expected to be shifted to Seattle, Washington.

Openings for Teachers At Science Institutes

WASHINGTON, D. C.—Opportunities for summer study are being offered teachers by the National Science Foundation this summer with five Negro Institutions numbered among the schools offering courses.

Howard (biology), Tuskegee (chemistry), Morgan State, Atlanta, and North Carolina College (General Science) will host institutes. All schools are open to applicants regardless of race.

A total of 95 institutes will be held and participating teachers will be paid at the rate of \$75 per week, plus \$15 per week for each dependent to a maximum of four.

ALSO AVAILABLE for participants is a travel allowance equal to a single round-trip at the rate of four cents per mile from their homes to the institute. The maximum allowed for travel is \$80. All tuition and fees are being covered by a grant from the foundation.

Among the panelists making the recommendations for the institutes was Dr. Samuel P. Massie of Fisk U. Dr. Massie will be a co-director of the chemistry in-



DR. SAMUEL P. MASSIE
... directs New Mexico

Institute which will be held at New Mexico Highlands University in Las Vegas.

Teachers interested on the program are being used to write Dr.

J. A. Campbell, the National Science Foundation, Washington 25, D. C. All applications must be completed by April 1, and sent in to the institutes where the individual applicants desire to attend.

Expanded Science Fair Opens Thursday at UM

By **DORIS McABEE**
Herald Education Writer

The third annual — and expanded — South Florida Regional Science Fair opens Thursday in the U.S. Armory on the University of Miami's main campus.

More than 500 teenagers in the southern part of the state have submitted entries for the big exhibit which will be open to the public.

Because of last year's record crowd and the increased number of entries this year, the regional fair has been extended an extra day and will run through Saturday.

Special field trips have been set up for Dade schools so that all students, including elementary school pupils, can see the work of top junior scientists in the area.

The event is sponsored jointly by UM, The Miami Herald, the Dade County Science Teachers Assn. and the Dade County Council of Teachers of Mathematics.

As a special treat to the public, an atomic energy exhibit sent on loan from the Oak Ridge Institute of Nuclear Studies in Tennessee will be on display.

The three-day fair will climax months of work by junior and senior high school students ready to show off the fruits of their labor.

"We have far more high-quality exhibits this year and a tremendous amount of student interest generated through school science fairs," said Dr. Alfred Mills, UM chemistry

Thursday and from 8:30 a.m. to 2:30 p.m. Friday.

The fair will be open to the public from 3 to 10 p.m. Thursday, 2:30 to 10 p.m. Friday, and 8:30 a.m. to 4 p.m. Saturday.

professor and fair director.

More than 100 awards will be presented to top student exhibitors in the regional event.

First prize in the senior division will be a three-day trip to Los Angeles and the National Science Fair May 9-11. A 19-volume set of the World Book Encyclopedia will be awarded to the winner of the upper junior division.

Top exhibitor from seventh and eighth grades will receive a 10-volume set of the Grolier Society's Book of Popular Science. Cups, ribbons and certificates of merit will be presented to other winners.

In addition, the University of Miami will offer a \$650 scholarship to a student participant eligible to enter college next September. The recipient must win a first, second, or third place prize or receive an honorable mention for an individual exhibit.

Awards will be announced at an assembly at 7:30 p.m. Friday in Beaumont Lecture Hall in the Memorial classroom building on the UM main campus.

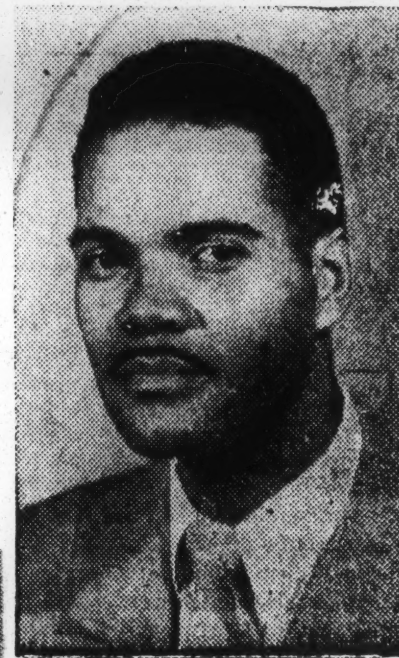
Guest speaker will be Dr. C. S. Shoup, chief of the biology branch of the U.S. Atomic Energy Commission at Oak Ridge. His topic will be "Use of Radio Isotopes in Biology."

Student participants will set up their projects Wednesday. Official school bus trips are scheduled from 12:30 to 3 p.m.

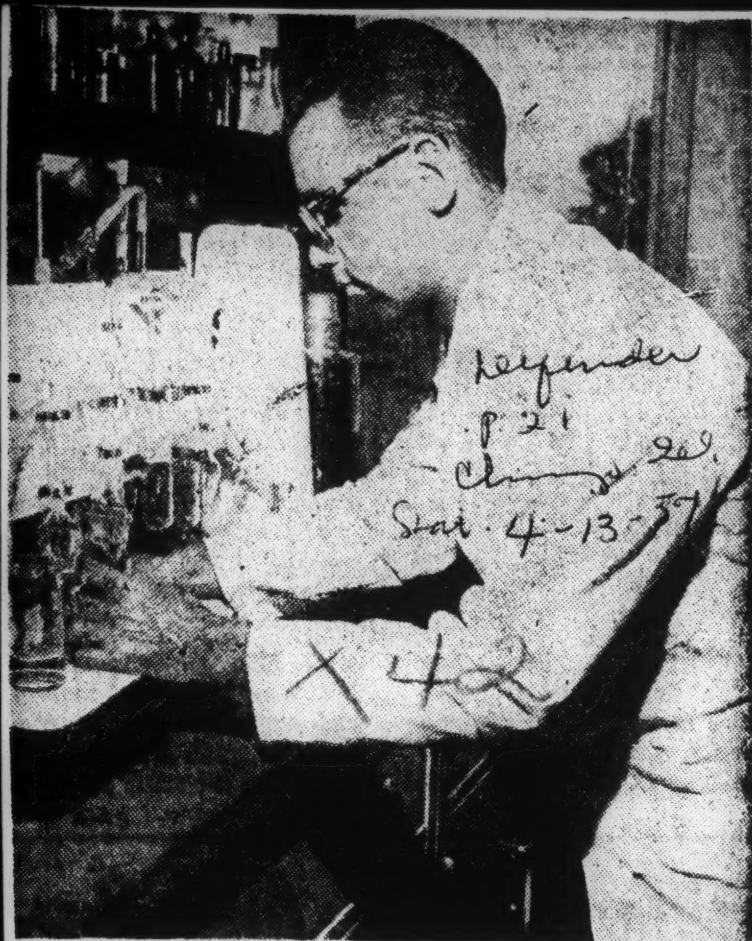


—Herald Staff Photo by Steve Weaver

A PRIZE WINNER at Horace Mann Jr. High's Science Fair was this model of Hoover Dam. It was constructed by Johnny Moore, left, son of Mr. and Mrs. Steve Moore of 318 NW 111 Ter., and Terry Moore, son of Mr. and Mrs. James Moore, 1601 NW 89 St.



GETS NSF AWARD — Howard McClain, acting dean and professor of pharmacy in the school of pharmacy at Florida A and M University, has been awarded a science faculty fellowship by the National Science Foundation to study at the University of Minnesota during the 1957-58 academic year. Dean McClain is a graduate of Xavier University and the University of Wisconsin, and pursued study at Minnesota during the 1955-56 academic year. (A and M staff photo by Horace Jones, Jr.)

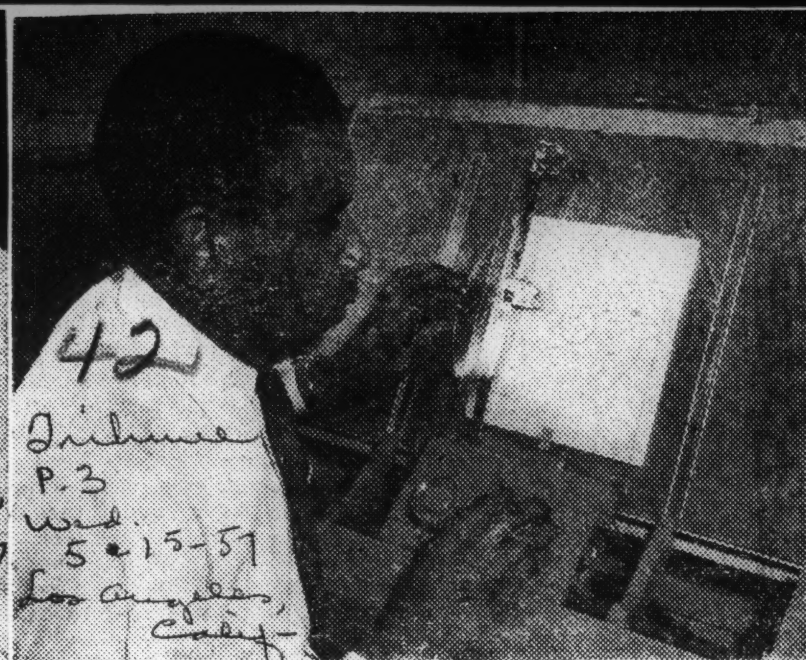


DR. IRVIN WESLEY ELLIOTT, professor and head of the department of chemistry at Florida A and M university, has been awarded a senior postdoctoral fellowship by the National Science Foundation to

pursue study at Harvard university during the 1957-58 school year. Dr. Elliott holds the B.S., M.S., and Ph.D. degrees from the University of Kansas. (A and M staff photo by Jones)



TO HARVARD — Dr. Irvin Wesley Elliott, seated above at the \$15,000 infra-red spectrophotometer in the chemistry department which he heads at Florida A and M university, has been awarded a senior postdoctoral fellowship by the National Science Foundation to study at Harvard university during the 1957-58 academic year. He holds the B.S., M.S., and Ph.D. degrees from the University of Kansas.



WINS AWARD — W. R. Gardner, research engineer in the autonetics division of North American Aviation, recently earned a \$270 award for designing a new type polar graph template used in armament control engineering. Gardner's suggestion resulted in greater utilization of a data reader. Gardner lives at 1809 E. 137th st., Compton.



AT WEST VA. STATE COLLEGE—Shown in these photos are some of the instruments recently installed at college for teaching of advanced course in analytical chemistry. Here Dr. Richard A. Murie dem-

onstrates operation of Beckman Model D. U. spectrophotometer with flame attachments to Miss Eleanor Wallace, a chemistry student.

W. Va. State has advanced chemistry unit

INSTITUTE, W. Va.—West Virginia State College has recently installed three new machines to further the teaching of its advanced course in analytical chemistry.

The course, "instrumental Methods of Analysis," is designed to familiarize the student with the techniques employed and the instruments used in modern analytical laboratories.

ACCORDING TO Dr. Paul J. Moore, head of the chemistry department, these instruments will acquaint students with the fast, efficient and accurate methods industries use to increase production and thereby keep America well supplied with the finer things in finer living through chemistry.

The machines include a Fisher coulomatic titrimeter, a Beckman Model D. U. spectrophotometer with flame attachment and a fractionation still.

ATOMIC ENERGY COMM. ASKS NEGRO GIRL TO STUDY WITH IT

BATON ROUGE.—The Atomic Energy Commission and 26 universities are bidding for Miss Isadora Jones, senior student at Southern University here, to continue her studies as graduate student in chemistry at their institution.

Miss Jones, who is majoring in chemistry and also a mathematics senior, is the daughter of Mr. and Mrs. Charles H. Jones, of Minden, La. Her teachers say she has unusual ability in chemistry. She has made no grade less than A in any high school or college science course.

Among the universities anxious to have her with them are: Purdue, Lafayette, Ind.; North Carolina State, Raleigh, N. C.; Fisk, and the

Universities of Pennsylvania and Kansas.

Oak Ridge Loses Negro Scientist

OAK RIDGE, Tenn.—The Atomic City will soon lose one of the three Negro scientists currently engaged in radiation research work. Dr. David S. Woodbury, 27-year-old biochemical expert, and his wife and daughter will leave here Aug. 1 for Ann Arbor, Mich. He plans to enter the University of Michigan Medical School.

Other Negro scientists here are Dr. Alonzo Fairbanks, St. Louis University Ph. D., and Mrs. Cooper, a mathematics expert and

wife of a Knoxville College faculty member.

Three top level Negroes are in professional jobs at AEC headquarters: Charles Hargraves, technical abstractor; Nathaniel Johnson, commercial artist, and a Miss Sandrith, a secretary.

Homes Of 4 Under Observation After Radiation Exposure

HOUSTON, Tex.—(INS) The homes of four Houston men were under observation by atomic experts Saturday after an accident at the M. W. Kellogg Company, where they worked, exposed them to radiation.

One of the victims, H. E. Northway, manager of the firm's nuclear laboratory until it was closed after the accident March 13, said the substance, comprised of compressed iridium-192 and aluminum metal powder, spilled out of a can in which it was shipped to the plant.

Jackson McVey Jack Hawkins and Marvin Yoder Jr., were working with Northway at the time and also were exposed to the contamination.

The clothes of other members of a workman's family were found to be radioactive, and even the fur on the family dog showed radioactivity. No ill effects were discovered so far.

Northway said:

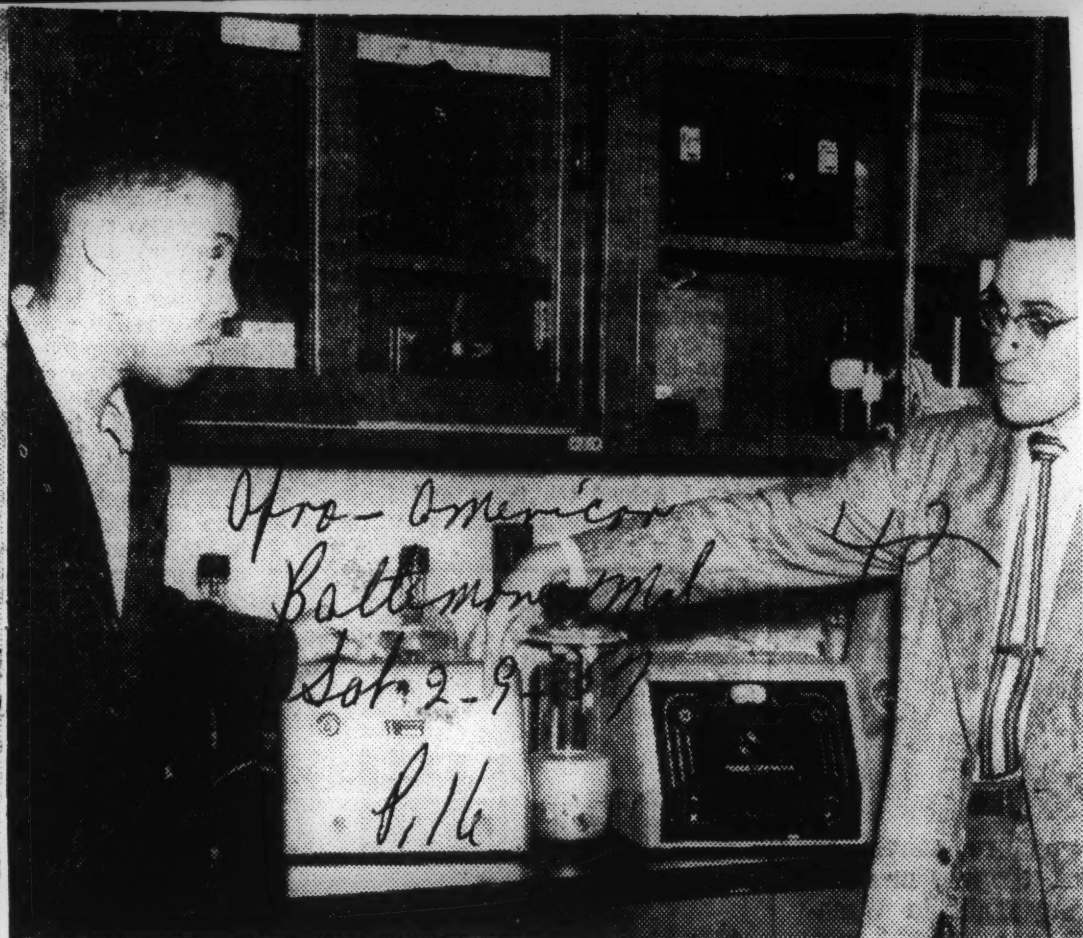
"It has gotten so no one will come and visit us. Other children won't play with our five-year-old son."

The powder was used in a device to detect weaknesses in structural steel, cables and pipe lines for the Houston construction firm, which had been marketing the device.



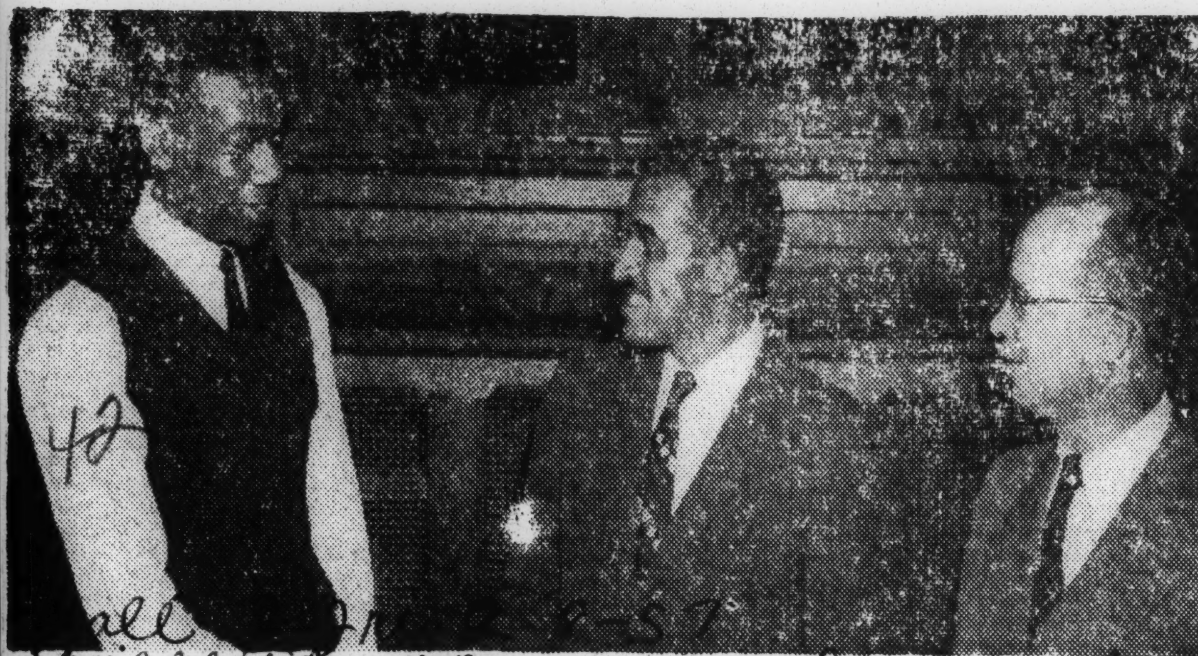
INSTRUCTOR AND STUDENT — In order that she might learn to work with industrial laboratory equipment, Miss Joyce Johnson operates and

checks a fractionation still to determine its efficiency as Dr. F. W. Stone, instructor, looks on. She is a senior majoring in chemistry.



JAMES E. HILL, left, also a chemistry student at West Virginia State, listens intently as Dr. Murie demonstrates the operation of Fisher coulomatic

titrimer, another of instruments used in advanced course in analytic chemistry.



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all
FUTURE SCIENTIST CONGRATULATED.—Larkin Teasley (left) of Detroit, senior math major at Fisk university, receives congratulations upon his election as president of the Fisk chapter of Beta Kappa Chi from Dr. S. P. Massie,

P.1
national president of the honorary scientific society and chairman of the chemistry department as Fisk, while Dr. T. A. Love, regional vice-president and chairman of Fisk's mathematics department, looks on. — Gunter Photo.



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Kansas City
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Illinois Geologists

Definitely
URBANA-CHAMPAIGN, Ill. — Of 167 living graduates of the University of Illinois department of geology, 540 are actively practicing in the profession, Prof. George W. White, head of the department, reports.

Set 5-11-57
Among non-geologists are 4 attorneys, 3 clergymen, 8 career officers in the armed forces, 3 chemists, 27 homemakers, an FBI agent, a physician, and an assortment of men in varied businesses.

U. S. SCIENTISTS

Princeton, N.J.
The number of scientists and engineers in the United States has almost doubled in the last 10 years. In 1947 the figure was 575,000 compared with 950,000 today.

Young Scientist To Study at Harvard



42
Byet ashen
Des Moines, Iowa
4-18-57
P.1
Tallahassee, Fla.—Dr. Irvin Wesley Elliott, scholarly young scientist seated above at the \$15,000 infrared spectrophotometer in the chemistry department which he heads at Florida A and M University, has been awarded a senior postdoctoral

fellowship by the National Science Foundation to pursue study at Harvard University during the 1957-58 academic year. He holds the B.S., M.S., and Ph.D. degrees from the University of Kansas. (A and M staff photo by Horace Jones, Jr.)



*Deerly
New Orleans, La.
Sat. 5-4
P. 13*

STUDENT CHEMIST: Miss Isadora Jones of Minden, Louisiana, an outstanding chemistry student at Southern University, has been offered several scholarships by leading Universities to do graduate work. She has a 2.90 average, out of a possible 3.0, over a four year college

period, as a chemistry major and mathematics minor. Among her offers one from the Atomic Energy Commission to do advanced study in the Nuclear Energy Area at any of 26 selected universities. She is a graduate of Webster High School in North Louisiana.

*Black Dispatch
Oklahoma City, Okla.
4-19-54-10-37*

Math Teacher Wins One of 50 Science Awards

Mrs. Malvina Lee Callimore, science and mathematics teacher at F. D. Moon junior high school, is one of 50 science teachers in the nation selected to attend the 1957 Summer Institute, a supplementary training program for high school science and mathematics teachers.

Sponsored by the National Science Foundation, the institute will be conducted as a part of the regular summer session at Oklahoma A&M college, Stillwater, June 3 through August 3.

The program has been made possible by a grant from the National Science Foundation and constitutes

a continuation of efforts over a period of several years by the foundation to improve science and mathematics instruction in American high schools and colleges.

In addition to college fees, Mrs. Callimore will receive \$675, plus cost of transportation to and from Oklahoma A&M college.

Mrs. Callimore has been in the teaching profession five years. For two years she taught in Pawnee, Okla.; and subsequently she taught one year in Benge. She has been a member of the faculty at F. D. Moon for two years. A native Oklahoman, she was graduated from Douglass high school and Langston university and has done graduate work at the University of Oklahoma.



*Greensboro, N. C.
Sat. 5-4-57
Pittsburgh, Pa.*

DR. CECILE EDWARDS Tops in Her Field!

GREENSBORO, N. C. Dr. Cecile Edwards, professor of nutrition in the home economics department at A. and T. College, attended the annual meeting of the American Institute of Nutrition in Chicago. She read a paper covering a research project which she recently completed at the college.

Dr. Edwards is a member of the American Dietetic Association, American Chemical Society, Sigma Xi, Phi Kappa Phi, Sigma Delta Epsilon, Iota Sigma Pi, Beta Kappa Chi, National Institute of Science, and the American Association for the Advancement of Science.

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DR. PERCY JULIAN



DR. PERCY JULIAN, president of the ~~Julian~~ Laboratories, Inc., of Chicago, makes general address at ceremonies dedicating the new \$350,000 J. R. Stewart Science hall at Knoxville college, Knoxville, Tenn.